From owner-boatanchors@gnu.ai.mit.edu Sat Nov 5 03:32:23 1994
Date: Sat, 5 Nov 1994 01:42:27 -0500 (EST)
From: Tony Stalls <rstalls@access.digex.net>
Subject: Cartalk-style Puzzler
Message-Id: <Pine.SUN.3.91.941105012432.525A-100000@access3.digex.net>

My Viking II is not feeling well and since I haven't had time to get to fixing it yet, I thought I'd give you some (I think) strange symptoms and see what you come up with. A familiarity with the Viking II is almost a requirement since the band switch doesn't switch in the tank circuit. The sequence of events went like this:

1. A high SWR showed up on 75 meters with the Viking II when under the same circumstances (same coax, etc.) my Ranger and an Icon 725 (on AM of course). Otherwise, it tuned up just fine and readings were normal, as was the power output.

2. Two fuses blew after being on the air for about 3 minutes each time. After the second was replaced, power output dropped to 20 watts.

3. The finals have been swapped with my two sets of spares and that isn't the problem. The rig tunes up and operates fine on 40 meters with no problem. The problem is ONLY on 75 meters.

Now, when I get around to pulling the Viking II off the shelf and opening it up, what will I find is wrong? I have my ideas, and three others have theirs, but no two of us agree.

Stuff like this is what makes the old boatanchors so much more fun than the surface mount nightmares from the Far East. (I confess! They're beyond what I would consider tackling. I just send them off.)

Thanks for your help.

Tony Stalls, K4KYO

rstalls@access.digex.com

From owner-boatanchors@gnu.ai.mit.edu Sat Nov 5 04:56:53 1994
From: "Kenan, Larry" <llk@sandshark.sandiegoca.NCR.COM>
Subject: FW: non Variac facts
Date: Fri, 04 Nov 94 08:56:00 PST
Message-Id: <2EBA6894@sharkgate.sandiegoca.ncr.com>

>From: owner-boatanchors
To: boatanchors
Subject: non Variac facts
Date: Thursday, November 03, 1994 6:15PM

>My question remains; at what voltage do you start when bringing up
>a rig that has not been powered for a long time? Zero volts? Is 70
>volts low enough? To what minimum voltage do you adjust the variable
>transformer? How long do you hold it there before going to the next
>voltage level? What is the next voltage level? In what increments
>do you raise the voltage? OK.I lied, that's more than one question..[;-)
> Thanks guys!!
 >73 de Dan -- WA0JRD

I have an AC ammeter and a voltmeter in the circuit on the load side of the variac. I start at zero and raise it slowly - over perhaps 30 seconds - while watching the ammeter for jumps or unexpectedly high current. I then run the radio from that source for an extended period while I am analyzing it's faults. The ammeter has switchable ranges. I usually start with a range that is about 10x the expected full voltage operational current and drop it to 4x if all seems to be going well.

Larry Kenan - KD6CKR

From owner-boatanchors@gnu.ai.mit.edu Sat Nov 5 07:51:32 1994
From: jeffrey@math.hawaii.edu
Date: Sat, 5 Nov 94 02:04:17 HST
Message-Id: <9411051204.AA01401@cruncher.math.hawaii.edu>
Subject: Maritime Radio Beacons - Part 7

Gang,
No one complained about my posting the beacon list on here so I'll submit one part per day. Enclosed is the list for the Great Lakes region.

****
Newsgroup: rec.radio.shortwave
Subject: Maritime Radio Beacons - Part 7

Here are the maritime radio beacons for the Great Lakes region, taken from Volume 7 of the US Coast Guard's Light Lists.

I have an interest in posting these frequency lists since, when I was in the Coast Guard, I used to help keep these pups on the air in the 12th CG District (Central California). I was happy to see some folks on here expressing an interest in these gems.

Beacons are a gift from God when one is transiting the coast in a dense fog with only an RDF receiver on board; if a mariner is within range of two or more then he can draw a line-of-position from each to easily determine his position.

With the ever tightening budget constraints the CG suffers under I expect this system will eventually be decommissioned, with the justification that ``GPS will take care of all the mariner's navigational needs''. Phooey.

Part 7: RADIO BEACON SYSTEM - GREAT LAKES

Freq. (KHz)	Station	Identifier (in Morse)
257	Gibralter Point, ONT	TZ
280	Buffalo Harbor, NY	BL
285	Burlington Bay, ONT	R
286	Battle Island, ONT	BD
286	Goderich, ONT	GD
286	Gros Cap Reef, ONT	A
287	Holland, MI	HO
288	Hope Island, ONT	F
288	Michipicoten Harbor, ONT	R
290	Gravelly Shoal, MI	GV
293	Presque Isle Light, MI	PR
293	Tibets Point, NY	Q
294	Long Point, ONT	L
295	Collingwood, ONT	C
296	Duluth, MN	DU
298	Killarney, ONT	K
298	Milwaukee, WI	MK
299	Point Stanley, ONT	PU
302	Point Weller, ONT	V
303	Alpena, AL	AL
303	Point Petre, ONT	P
304	McNab Point, ONT	MP
304	Sturgeon Bay Canal, WI	SC
306	Main Duck Isnald, ONT	Y
306	Port Colborne, ONT	Z
306	Southeast Shoal, ONT	H
307	Detour Reef, MI	OT
307	Snug Harbor, ONT	R

309	Rochester, NY	M
310	Two Harbors, MN	P
311	Huron Harbor, OH	HR
311	Oshawa, ONT	OA
312	Angus Island, ONT	F
312	Cove Island, ONT	D
313	Kewaunee, WI	G
314	Calumet Harbor, IL	KX
314	Fort Gratiot, MI	P
314	Keweenaw Lower Ent, MI	KL
316	Grand Haven, MI	GO
316	Port Dover, ONT	PD
318	Sandusky, OH	X
318	Whitefish Point, MI	WF
319	Chicago, IL	CH
320	Harbor Beach, MI	U
323	Fairport Harbor, OH	FP
325	Thunder Bay, ONT	P

End of part 7.

73 from Hawaii,
Jeff NH6IL

From owner-boatanchors@gnu.ai.mit.edu Sat Nov 5 03:01:42 1994
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: Pre-Thanksgiving sale continues..
Date: Sat, 5 Nov 1994 0:34:53 -0600 (CST)
Message-Id: <9411050034.aa01605@jackatak.theporch.com>

Larry-

> 28.   BC-604 Tank Transmitter. Weak paint, little protective
> framework over pushbuttons missing. No missing buttons, cracked
> meter glass or structural damage. $105

Geez, I expected to see those immortal words: "Tank and Soldiers NOT
inlcuded..." not "protective framework ... missing" Sheesh! ;^)
73,
Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657 -- all from the mobile! ;^)

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     Fire Bottle Server (Boat Anchors Get Out and Keep You Warm!)
                firebotl@jackatak.theporch.com
            Where Old Radios and Fun ... GO TOGETHER!
+----------human interface: root@jackatak.theporch.com------------------+
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From owner-boatanchors@gnu.ai.mit.edu Sat Nov 5 16:26:09 1994
Message-Id: <199411052035.AA19314@cruz.com>
Date: Sat, 05 Nov 1994 12:34:59 -0800
From: bill@cruz.com (Bill VanAlstyne)
Subject: Re: Re: Winding Transformers...

In messages <12@ki5sl.ampr.org> and <14@ki5sl.ampr.org>, Rick Blank writes:

>OK, guys, I searched thru my copy of "From Beverages to OSCAR"
>that covers QST magazines from January, 1945 to December, 1990 and
>I found the following references:

[Article list and supplemental list deleted...]

Of the articles listed, I think these are most likely to be the one I encountered and used years ago:

TAILOR MAKING POWER XFMRS	February, 1962	page 36
HOW TO WIND YOUR OWN POWER XFMR	February, 1970	page 38
CHANGING OUTPUT VOLTAGE ON TV XFMRS	August, 1970	page 53

Can't be sure just from the titles, though. I *think* the article was one of Lew McCoy's great Beginner and Novice articles -- but again I wouldn't bet the ranch on that, either. It's been a few years...

I sent an e-mail to qst@arrl.org and asked for some assistance from them on this quest; will probably hear back something after Monday.

Bill, N6FN
****
* Bill VanAlstyne   StarQuest Data Services *
* bill@cruz.com   Aptos, CA *
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